

ABSTRACT

~~The invention relates to a~~A method of encapsulating an active lipid-soluble substance in nanocapsules, by preparing an emulsion. ~~The inventive method is characterised in that it consists in:~~ The method includes: (a) obtaining an aqueous phase and an oil phase; (b) raising the temperature of the two phases to a temperature greater than the phase inversion temperature; (c) mixing the two phases; (d) incorporating the active lipid-soluble substance into the lipid-soluble phase; (e) allowing the temperature to decrease to the phase inversion temperatures; and (f) once the phase inversion is effective and the emulsion is in a continuous aqueous phase, quenching the emulsion obtained in order to lower the temperature thereof. ~~The invention also relates to the emulsion that can be obtained using the inventive method, said emulsion being characterised in that the average nanocapsule size is less than 300 nm.~~